

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041223AR\
 Data File : FD045472.D
 Signal(s) : FID2B.ch
 Acq On : 12 Apr 2023 17:47
 Operator : YP/AJ
 Sample : PB152063BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 13 02:58:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.545	6279993	45.836 ug/ml
Spiked Amount 50.000		Recovery =	91.67%
6) S 2-Fluorobiphenyl (SURR)	8.400	3983357	44.434 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.87%
11) S ortho-Terphenyl (SURR)	11.442	6850349	39.373 ug/ml
Spiked Amount 50.000		Recovery =	78.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.348	4889580	31.387 ug/ml
2) T Naphthalene (C11.7)	5.881	5498595	34.215 ug/ml
3) T 2-Methylnaphthalene (...)	6.931	5476962	34.214 ug/ml
5) T Acenaphthylene (C15.06)	8.204	5975711	40.813 ug/ml
7) T Acenaphthene (C15.5)	8.501	6284335	40.516 ug/ml
8) T Fluorene (C16.55)	9.280	6136360	41.381 ug/ml
9) T Phenanthrene (C19.36)	10.671	6253626	43.171 ug/ml
10) T Anthracene (C19.43)	10.746	6084521	44.019 ug/ml
12) T Fluoranthene (C21.85)	12.477	6346520	44.112 ug/ml
13) T Pyrene (C20.8)	12.773	6356055	45.207 ug/ml
14) T Benzo[a]anthracene (C...	14.637	5672444	44.232 ug/ml
15) T Chrysene (C27.41)	14.681	5591765	42.170 ug/ml
16) T benzo[b]fluoranthene ...	16.181	5738111	44.172 ug/ml
17) T Bnezo[k]fluoranthene ...	16.215	5436860	42.927 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	4939200	39.285 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	4252828	35.932 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	3938221	33.057 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	4882986	39.092 ug/ml

(f)=RT Delta > 1/2 Window

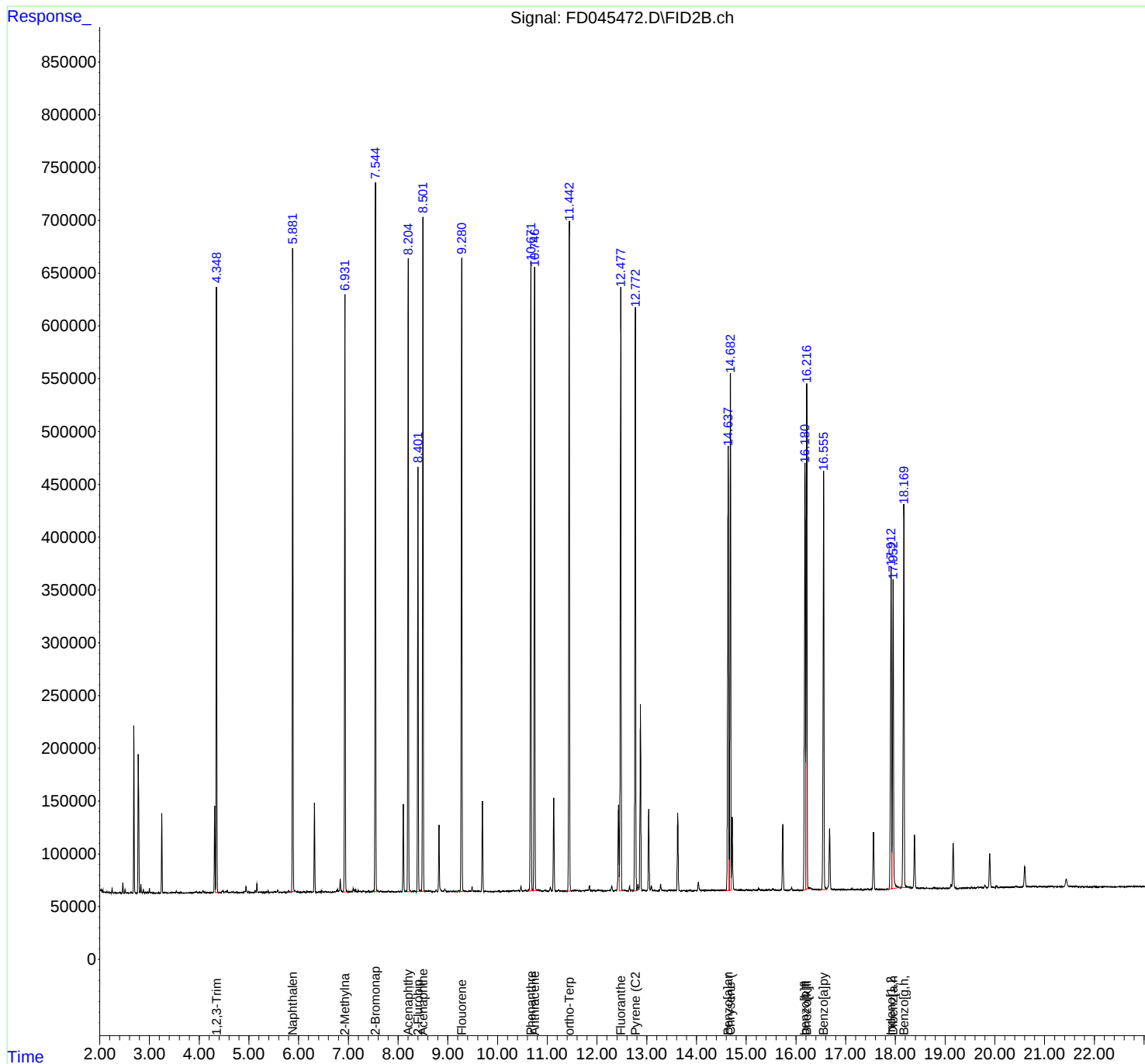
(m)=manual int.

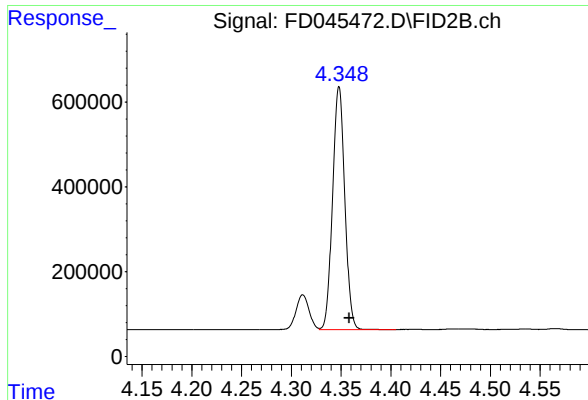
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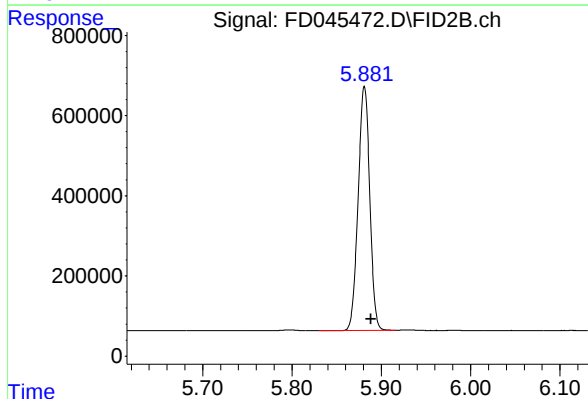




#1 1,2,3-Trimethylbenzene (C10.1)

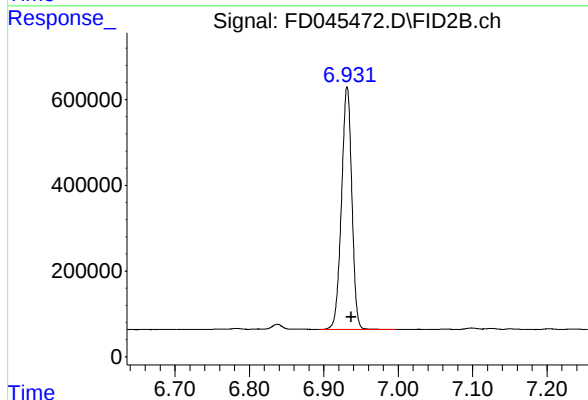
R.T.: 4.348 min
Delta R.T.: -0.010 min
Response: 4889580
Conc: 31.39 ug/ml

Instrument :
FID_D
ClientSampleId :



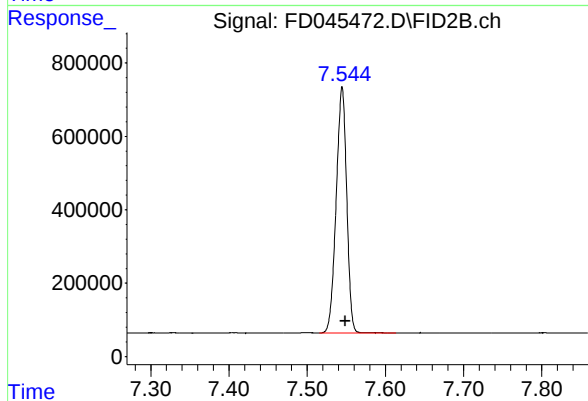
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: -0.007 min
Response: 5498595
Conc: 34.21 ug/ml



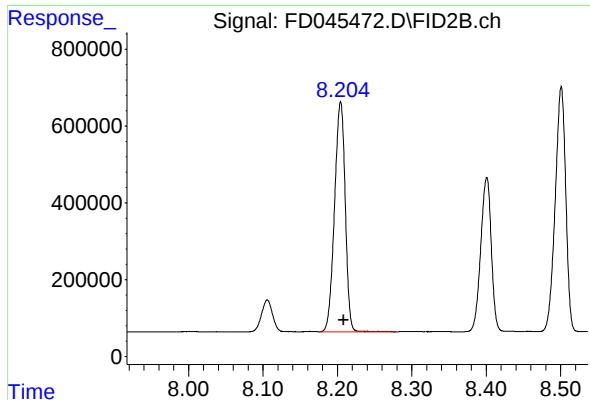
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.931 min
Delta R.T.: -0.006 min
Response: 5476962
Conc: 34.21 ug/ml



#4 2-Bromonaphthalene (SURR)

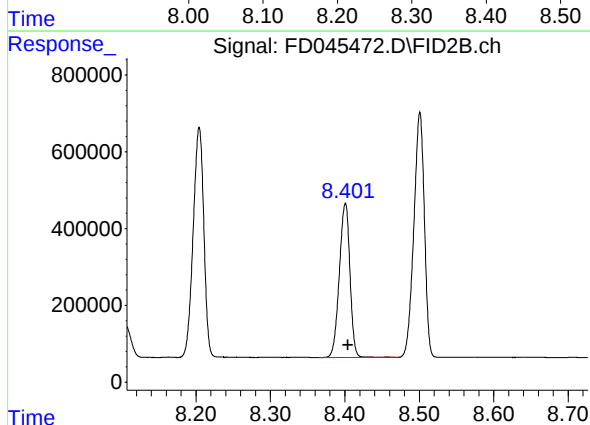
R.T.: 7.545 min
Delta R.T.: -0.004 min
Response: 6279993
Conc: 45.84 ug/ml



#5 Acenaphthylene (C15.06)

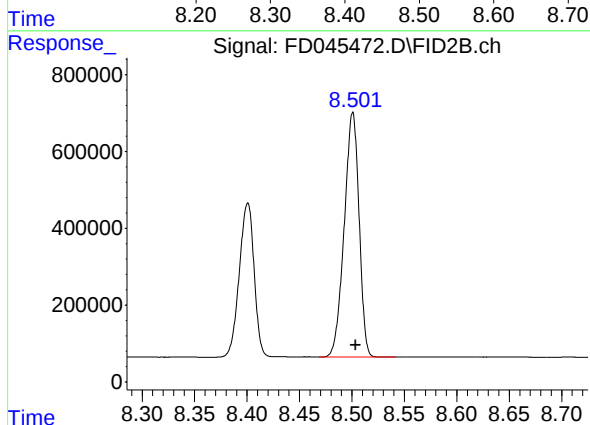
R.T.: 8.204 min
Delta R.T.: -0.004 min
Response: 5975711
Conc: 40.81 ug/ml

Instrument :
FID_D
ClientSampleId :



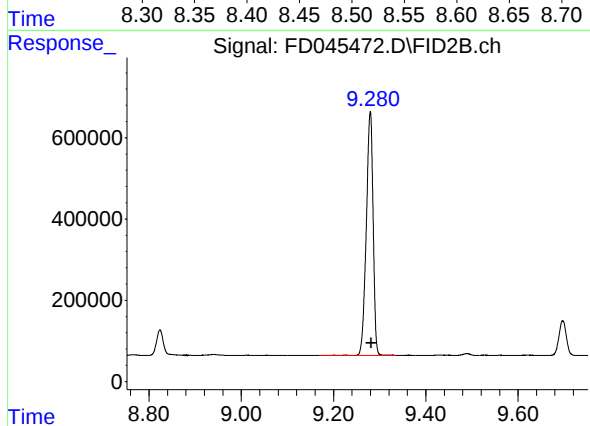
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: -0.004 min
Response: 3983357
Conc: 44.43 ug/ml



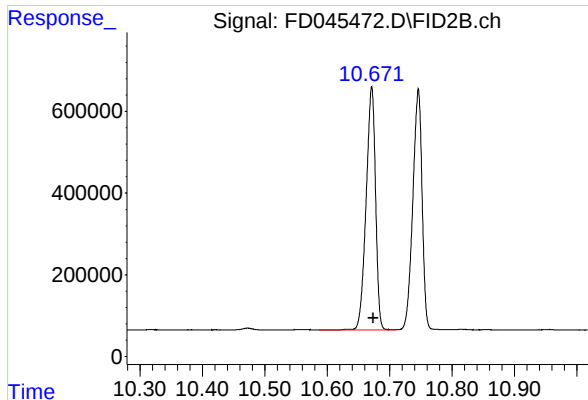
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: -0.003 min
Response: 6284335
Conc: 40.52 ug/ml



#8 Flouorene (C16.55)

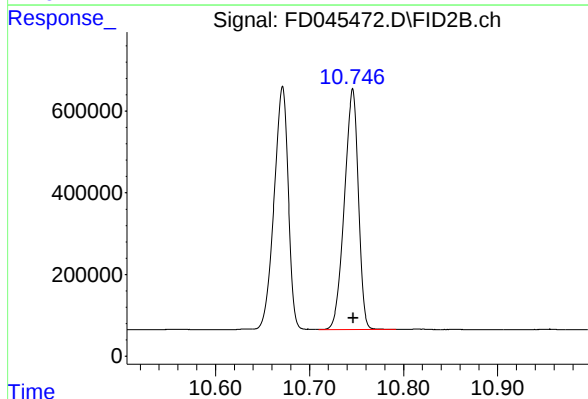
R.T.: 9.280 min
Delta R.T.: -0.002 min
Response: 6136360
Conc: 41.38 ug/ml



#9 Phenanthrene (C19.36)

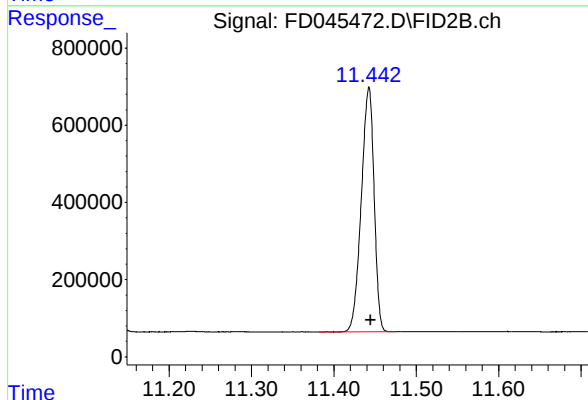
R.T.: 10.671 min
Delta R.T.: -0.002 min
Response: 6253626
Conc: 43.17 ug/ml

Instrument :
FID_D
ClientSampleId :



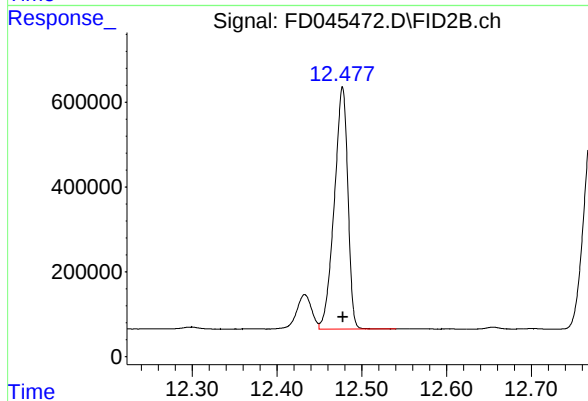
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: -0.001 min
Response: 6084521
Conc: 44.02 ug/ml



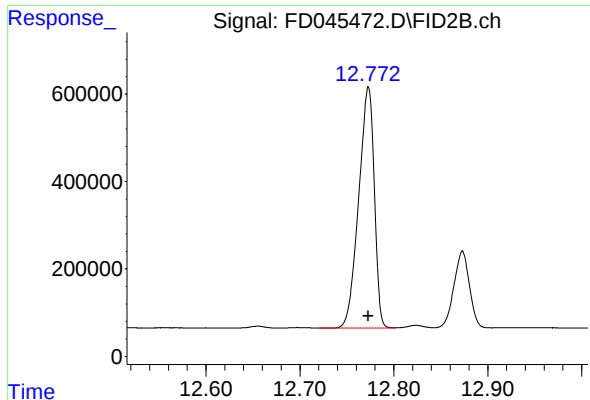
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: -0.002 min
Response: 6850349
Conc: 39.37 ug/ml



#12 Fluoranthene (C21.85)

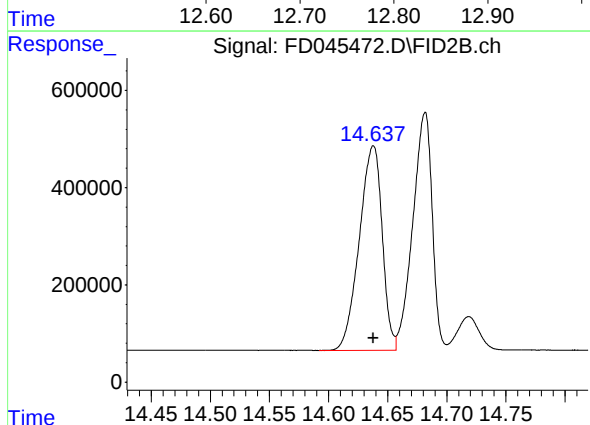
R.T.: 12.477 min
Delta R.T.: 0.000 min
Response: 6346520
Conc: 44.11 ug/ml



#13 Pyrene (C20.8)

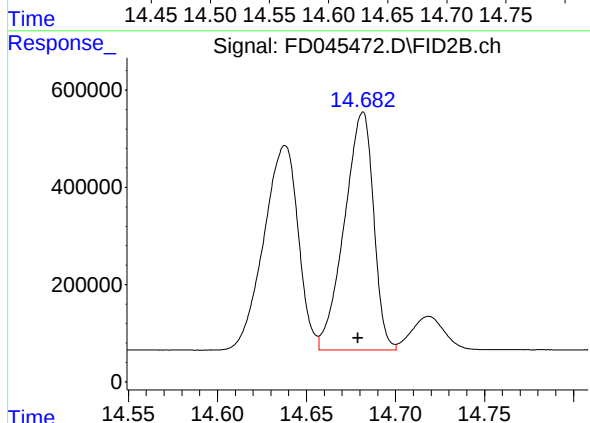
R.T.: 12.773 min
Delta R.T.: 0.000 min
Response: 6356055
Conc: 45.21 ug/ml

Instrument :
FID_D
ClientSampleId :



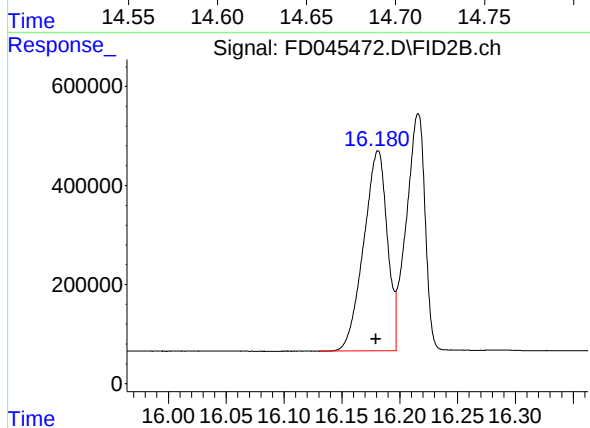
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.000 min
Response: 5672444
Conc: 44.23 ug/ml



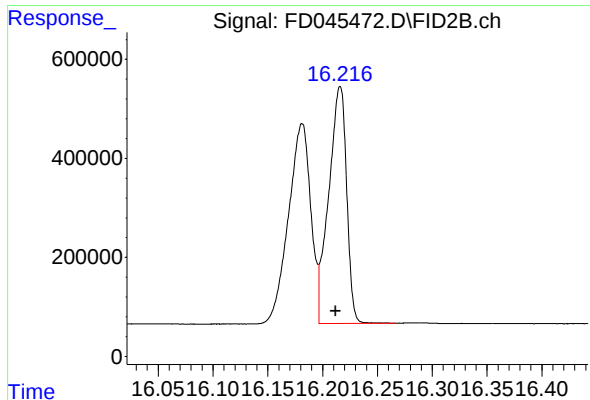
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.002 min
Response: 5591765
Conc: 42.17 ug/ml



#16 benzo[b]fluoranthene (C30.41)

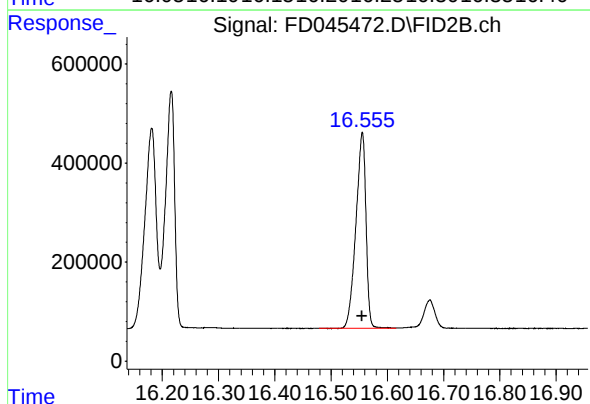
R.T.: 16.181 min
Delta R.T.: 0.001 min
Response: 5738111
Conc: 44.17 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

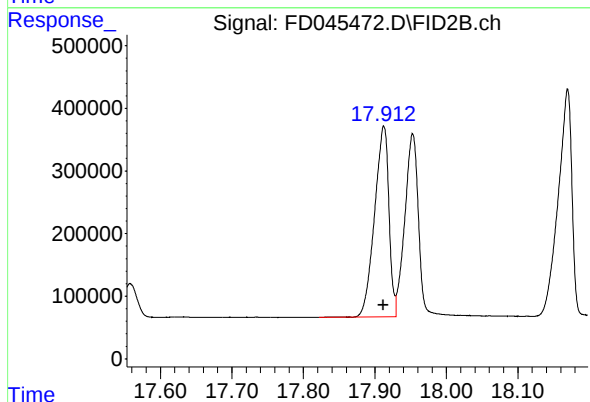
R.T.: 16.215 min
Delta R.T.: 0.004 min
Response: 5436860
Conc: 42.93 ug/ml

Instrument :
FID_D
ClientSampleId :



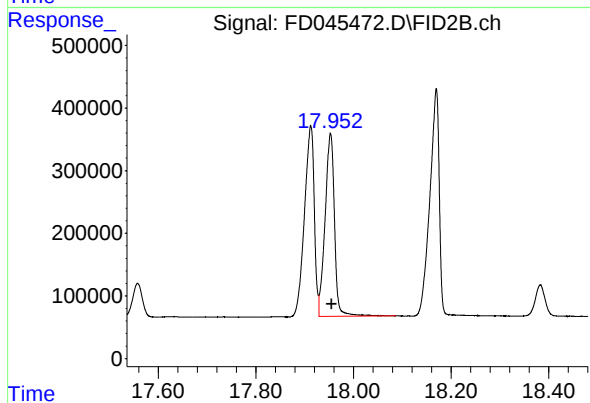
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: 0.000 min
Response: 4939200
Conc: 39.28 ug/ml



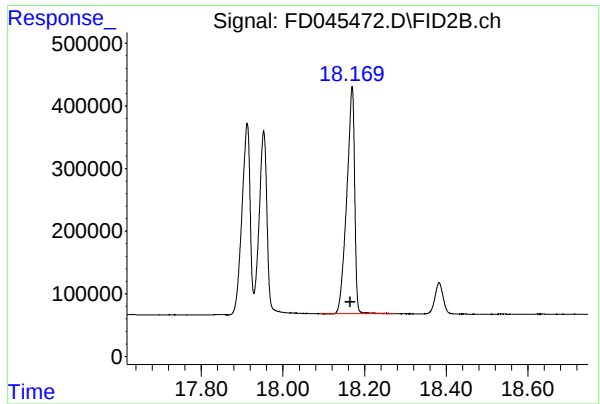
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.912 min
Delta R.T.: 0.000 min
Response: 4252828
Conc: 35.93 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.953 min
Delta R.T.: -0.003 min
Response: 3938221
Conc: 33.06 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.169 min
Delta R.T.: 0.003 min
Response: 4882986
Conc: 39.09 ug/ml

Instrument :
FID_D
ClientSampleId :